

ABSTRACT OF THE DISCLOSURE

An information adding apparatus forms an extended color table constituted by a non-extended portion and an extended portion in the case that an array of bits used as information is embedded in the unit of one bit into respective pixels of image data of an image file. Thereafter, the image adding apparatus produces image data to which an index value of the non-extended portion is set when a bit value embedded into a pixel is equal to "0", and also to which an index value of the extended portion is set when a bit value is equal to "1." This index value of the extended portion indicates the same RGB value as that indicated by the previously set index value.